ABSTRACT SUBMISSION GUIDELINES

The 7th International Symposium for Next Generation Infrastructure (ISNGI 2022) invites academics, practitioners, policy makers and other stakeholders to submit original research contributions, reviews and case studies pertaining to:

- the design, planning, financing, operation and management of next generation infrastructure
- next generation infrastructure policy making and regulation
- the research and innovation agenda for next generation infrastructure

We especially welcome contributions reflecting on how the Covid-19 pandemic has affected and is affecting infrastructure operation and management and what this implies for infrastructure innovation and policy making in the future. We are particularly interested in submissions addressing the following two questions: Have we entered a new state of business-as-usual? What have we learned about the interaction between infrastructure and human behaviour?

Submission Guidelines

You are invited to submit a title and abstract. Your contribution must be original and not simultaneously submitted to another conference or journal. To facilitate the submission process, please consider the following guidelines, information, tips, terms and deadlines:

- Your abstract has a maximum of 600 words
- The abstract must be submitted in English
- The abstract title has a maximum of 15 words

Authors of selected abstracts will be invited to present an oral presentation or a poster. Authors selected for a poster session will also be invited to pitch their research on the plenary stage.

You're also allowed to send in a proposal for special session or workshop.

Important dates:
Abstract submission deadline: 31 March 2022
Notification of Acceptance: 9 May 2022
Early bird registration deadline: 31 May 2022

List of Themes and Topics

Smart and integrated infrastructure

- Intelligent infrastructure and data driven innovations
- Infrastructure and data analytics
- Data sharing
- Cybersecurity
- System of systems modelling and simulation
- Behavioural modelling and simulation
- Infrastructure interdependencies
- Uncertainty modelling and propagation in infrastructure analysis
- Predictive maintenance of infrastructure
- Digital inclusion and interoperability of infrastructure

Sustainable and resilient infrastructure

- Sustainable infrastructure
- Infrastructure resilience
- Infrastructure contributions to societal resilience
- Adaptive infrastructure planning
- Infrastructure asset life cycle management
- Circular infrastructure
- Infrastructure for the circular economy
- Infrastructure development in the face of climate change
- Infrastructure and urbanisation
- Net zero, infrastructure and cities
- Emergent infrastructure in response to societal challenges
- From COVID19 to sustainability: lessons for infrastructure

Valuing and financing infrastructure

- Funding and financing infrastructure
- Defining infrastructure
- Measuring the welfare contribution of infrastructure
- Assessment of infrastructure investment projects
- Dealing with new risks and vulnerabilities
- Impact journey/measuring the value of infrastructure
- Place-based models for infrastructure planning and development
- Embedding social and environmental values in infrastructure

Infrastructure governance and policy making

- Governance of infrastructure in transition
- Governance of emergent infrastructure
- Governance in a cross-sector perspective
- Historical lessons learned
- Cultural dimension of infrastructure
- Infrastructure (service) provision for an inclusive society
- Public engagement with infrastructure-decisionmaking
- The role of infrastructure in the COVID19 pandemic

The list is not limitative. Original research contributions in other relevant topic areas will be welcomed, especially if they address the cross-sector and interdisciplinary complexity of infrastructure systems and infrastructure systems research.

Submission Policy

Abstracts will be published exactly as submitted. We kindly ask you to proofread abstracts carefully to avoid errors before they are submitted. No changes will be accepted after submission. Any abstract considered unsuitable for reproduction will not be published.

The **abstract submission deadlines is 31 March 2022**. ISNGI does not take responsibility for abstracts that are not fully completed and submitted by this deadline. Please ensure that your submission has been completed and you have received the confirmation e-mail.

Incomplete abstracts having "draft" status will not be processed or submitted for review.

An author may not revise or resubmit an abstract in order to make changes or corrections after the deadline; adding or removing authors after the submission deadline is not permitted. The abstract may be withdrawn or, if accepted, the error may be indicated during the presentation.

Review and Acceptance

All submitted abstracts will go through a review process by members of the Academic Programme Committee of ISNGI 2022.

Following the review process, the final selection will be made by the Academic Programme Committee to define the format and schedule of each selected abstract.

The notification of acceptance or rejection of your abstract will be sent out on 9 May 2022.

IMPORTANT NOTICE: Should the presenting author be unable to present the abstract, one of the co-authors can present in his/her place. An email from the presenting author indicating the change is requested and must be received by ISNGI no later than 31 July 2022. No changes will be accepted after this date.

Registration and Expenses

All presenting authors of selected abstracts are kindly asked to register for ISNGI 2022 by 7 August 2022.

ISNGI will not cover costs incurred in submitting an oral or poster, or for travel and accommodation costs for presenting authors.

Failure to register for ISNGI 2022 by the set deadline will lead to the withdrawal of your abstract(s).

Publication Policy

Authors of selected abstracts will be invited to submit their paper to one of a selection of special issue peer-reviewed international journals.